

WHAT IS CLAIMED IS

1. A bandage impregnated with a bioactive agent which delivers a pharmaceutically effective amount of said bioactive agent to a wound site wherein a pH difference
5 between the bandage and the wound site drives delivery of the bioactive agent into the wound site.

2. The bandage of claim 1, wherein the bioactive agent is a clot-promoting agent.

3. The bandage of claim 1, wherein the bioactive
10 agent is an antibiotic.

4. A bandage impregnated with multiple bioactive agents, wherein said bioactive agents have different pH's and different migration rates so that the agents are delivered in pharmaceutically effective amounts, when needed, to a wound
15 site, at different times in the course of wound management, whereby pH difference between the bandage and the wound site drives delivery of the bioactive agent into the wound site.

5. The bandage of claim 4, wherein one of the bioactive agents is a clot-promoting agent.

20 6. The bandage of claim 4, wherein one of the bioactive agents is an antibiotic.

7. A method for treating a wound, the method comprising:

applying a bandage impregnated with a bioactive agent which delivers a pharmaceutically effective amount of said bioactive agent to a wound site wherein a pH difference between the bioactive agent bandage and the wound site drives
5 delivery of the bioactive agent into the wound site.

8. The method of claim 7, wherein the bioactive agent is a clot-promoting agent.

9. The method of claim 7, wherein the bioactive agent is an antibiotic.

10 10. A method for treating a wound, comprising:
applying a bandage impregnated with multiple bioactive agents,
wherein said bioactive agents have different pH's and
different migration rates whereby the agents are delivered in
pharmaceutically effective amounts, when needed, to a wound
15 site, at different times in the course of wound management,
wherein a pH difference between the bandage and the wound site
drives delivery of the bioactive agent into the wound site.

11. The method of claim 10, wherein one of the bioactive agents is a clot-promoting agent.

20 12. The method of claim 10, wherein one of the bioactive agents is an antibiotic.